

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26 D-32758 Detmold Germany

www.weidmueller.com











Sensor/actuator cables are used for wiring sensors and actuators and for transmitting data or power in various applications. The moulded cable offers connected and tested connection of the plug-in connector to the cable ex-works. The cables may be exposed to a wide range of conditions, such as humidity, dust, heat, cold, shock or vibration

Our developers have focused specifically on this issue and designed a host of different M8 and M12 sensor-actuator cables so you are bound to find the solution you need for your application.

Is there something you have not managed to find or you feel needs explanation? Talk to us!

### **General ordering data**

Version	Sensor/actuator line, Connecting line, M12 / M12, Number of poles: 4, 4 m, pin, straight - socket, 90°, Shielded: No, LED: No, Sheath material: PVC, Halogen: Yes
Order No.	<u>1925350400</u>
Туре	SAIL-M12GM12W-4-4.0V
GTIN (EAN)	4032248875801
Qty.	1 pc(s).



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# **Technical data**

## **Dimensions and weights**

Net weight 191 g

### **Environmental Product Compliance**

REACH SVHC Lead 7439-92-1

## **Technical specifications for cable**

Cable length	4 m	
Colour coding	brown, white, blue, black	
Configurable cable length	No	
Core cross-section	0.34 mm <sup>2</sup>	
Halogen	Yes	
Housing main material	PUR	
Insulation	PVC	
Number of poles	4	
Number of poles	4	
Outer cladding in accordance with UL AWM style	2464 (80 °C / 300 V)	
Outer diameter	$5.3 \pm 0.2 \text{ mm}$	
Outside diameter	$5.3 \text{ mm} \pm 0.2 \text{ mm}$	
Outside diameter	Diameter	5.3 mm
	Signs	±
	Tolerance	0.2 mm
Resistant to welding beads	No	
Sheath material	PVC	
Sheathing colour	black	
Shielded	No	
Suitable for cable carriers	No	
Temperature range, moving	-580 °C	
Temperature range, moving, max.	80 °C	
Temperature range, moving, min.	-5 ℃	
Temperature range, stationary	-3080 °C	
Temperature range, stationary, max.	80 ℃	
Temperature range, stationary, min.	-30 °C	
Torsion resistance	0 °/m	

### **General technical data**

AF size	12 mm	Coding	Α
Connection thread	M12 / M12	Contact surface	Gold-plated
Housing main material	PUR	Insulation strength	10 <sup>8</sup> Ω
LED	No	Plugging cycles	≥ 100
Pollution severity		Protection degree	IP65, IP66, IP67, IP68,
	3		when screwed in
Rated current	4 A	Rated voltage	250 V
Temperature range of housing	-25+80 °C	Threaded ring material	Diecast zinc
Tightening torque		Version	pin, straight - socket,
	M12: 0.8 - 1.2 Nm		90°
jumpered	No		



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#### Classifications

ETIM 6.0	EC001855	ETIM 7.0	EC001855
ECLASS 9.0	27-06-03-11	ECLASS 9.1	27-06-03-11
ECLASS 10.0	27-06-03-11	ECLASS 11.0	27-06-03-11

### **Approvals**

Approvals



ROHS	Conform
UL File Number Search	E307231

### **Downloads**

Product Change Notification	DE - Technische Änderung zu M12 Gewindering mit 6-Kant
	EN - Technical change to M12 nut with additional hexagonal mounting



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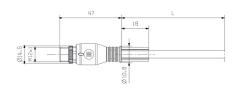
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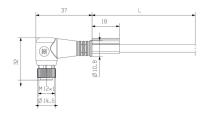
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## **Drawings**

## **Dimensioned drawing**

## **Dimensioned drawing**





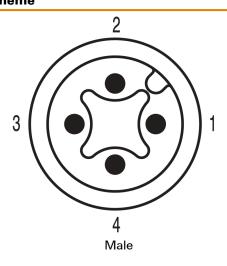
Angled socket

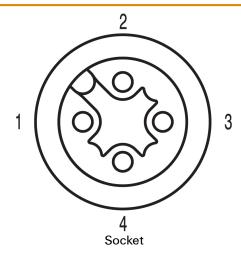
Male, straight

Pole scheme

Pole scheme

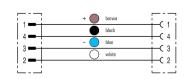






Wiring diagram

The ideal tool: Screwty ® with torque function





Light, securely screwed-in round plug-in connectors. Screwty set DM / VPE: 1 / Order No.: 192000000 Adapters: M12, M12 F, M8, M8 F